



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ko, *et al.* Docket No.: TSM03-0275
Serial No.: 10/687,377 Art Unit: TBD
Filed: October 16, 2003 Examiner: TBD
For: Isolation Structure with Nitrogen-Containing Liner and Methods of
Manufacture

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Information Disclosure Statement (1 page)
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Respectfully submitted,


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Commissioner for Patents
P. O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

The Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed form SB-08A that may be considered material to the examination of the above-identified application.

No fee is due at this time, as this Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97(b)(1), within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d).

Cite numbers A-O are newly cited prior art being filed under the waived requirement of 37 CFR 1.98 (a)(2)(i) dated July 11, 2003, therefore, copies of these U.S. patents are not included.

Respectfully submitted,


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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/687,377
				Filing Date	October 16, 2003
				First Named Inventor	KO, <i>et al.</i>
				Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	TSM03-0275
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US-4,631,803	12-30-1986	Hunter, <i>et al.</i>	
	B	US-5,447,884	09-05-1995	Fahey, <i>et al.</i>	
	C	US-5,763,315	06-09-1998	Benedict, <i>et al.</i>	
	D	US-6,020,621	02-01-2000	Wu	
	E	US-6,046,487	04-04-2000	Benedict, <i>et al.</i>	
	F	US-6,251,746 B1	06-26-2001	Hong, <i>et al.</i>	
	G	US-6,265,317 B1	07-24-2001	Chiu, <i>et al.</i>	
	H	US-6,291,321 B1	09-18-2001	Fitzgerald	
	I	US-6,391,729 B1	05-21-2002	Hui	
	J	US-6,417,070 B1	07-09-2002	Ballantine, <i>et al.</i>	
	K	US-6,429,061 B1	08-06-2002	Rim	
	L	US-6,461,936 B1	10-08-2002	von Ehrenwall	
	M	US-6,461,937 B1	10-08-2002	Kim, <i>et al.</i>	
	N	US-6,482,718 B2	11-19-2002	Shiozawa, <i>et al.</i>	
	O	US-6,495,424 B2	12-17-2002	Kunikiyo	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	P	SHIMIZU, A., <i>et al.</i> , "Local Mechanical-Stress Control (LMC): A New Technique for CMOS-Performance Enhancement," International Electron Devices Meeting (2001) pp. 433-436.	
	Q	THOMPSON, S., <i>et al.</i> , "A 90 nm Logic Technology Featuring 50nm Strained Silicon Channel Transistors, 7 Layers of Cu Interconnects, Low k ILD, and 1 um ² SRAM Cell," International Electron Devices Meeting (December 2002) pp. 61-64.	
	R	WELSER, J., <i>et al.</i> , "NMOS and PMOS Transistors Fabricated in Strained Silicon/Relaxed Silicon-Germanium Structures," International Electron Devices Meeting (December 1992) pp. 1000-1002.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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